

**To:** Grubb, Alex[Alex.Grubb@WestonSolutions.com]  
**From:** Nattis, Randy  
**Sent:** Mon 7/28/2014 6:53:47 PM  
**Subject:** Haystack #1 AUM RSE - Equipment needs and updates

Alex,

I'm putting my the equipment needs request to the warehouse. Please provide me with a list of your needs

These are my expectations, at a minimum for the warehouse:

4 VIPER zed 2241 Ludlum's

1 VIPER radiation go kit (comes with 1 computer, 1 gateway and 3 Ludlum lincs)

1 VIPER misc radiation kit (comes with 7 Ludlum lincs)

2 VIPER (in addition to what comes in the go kit) gateways

What I'm expecting from START (at a minimum)

4 3x3 probes (rental?)

4 10 foot cables (rental?)

1 1x1 probe (for GeoProbe / vertical assessment)? Or are you planning on using something else? Do I need to request an additional meter for this from the warehouse?

Do you need a voltage meter?

Source?

Remember, the goal with equipment is to leverage the regional warehouse as best as we can (its free to the project). Anything that we do not have in house I will then look towards Weston to either provide it, if in house, or rent it.

When can I expect to review the H&S plan?

When can I expect to review the sampling and monitoring plan?

This is what is coming in from ERT:

1 MCP (with Sat dish)

2 ATVs

2 carts / buggies for ATV

1 pop up tent

2 folding tables

6 folding chairs

1 large cooler

2 gas cans for ATV refills

I also asked them to bring, if they have:

Power strips and extension cords

Misc supplies, if you have (zip tips, duct tape, Velcro)

I'm expecting to buy / fabricate the housings for the meters / probes Monday and Tuesday.

What else?

Randy B. Nattis  
Federal On Scene Coordinator  
**U.S. EPA Region IX**  
75 Hawthorne Street, 8th Floor  
San Francisco, CA 94105  
[nattis.randy@epa.gov](mailto:nattis.randy@epa.gov)  
Phone - (415) 972-3053 - Office  
Phone - (415) 940-1108 - Cell